

PAT-NO: JP409138621A

DOCUMENT-IDENTIFIER: JP 09138621 A

TITLE: IMAGE FORMING DEVICE

PUBN-DATE: May 27, 1997

INVENTOR-INFORMATION:

NAME

IKEDA, TAKASHI

ASSIGNEE-INFORMATION:

NAME

TOSHIBA CORP

COUNTRY

N/A

APPL-NO: JP07294060

APPL-DATE: November 13, 1995

INT-CL (IPC): G03G021/02, G03G021/00

ABSTRACT:

**PROBLEM TO BE SOLVED:** To obtain an image forming device where a copying charge is changed in accordance with toner consumption by providing a judging means judging the used quantity of developer for an original and a calculating means calculating the charge of image-forming in accordance with the used quantity of the developer judged by the judging means and displaying the charge of the image-forming calculated by the calculating means.

**SOLUTION:** A master control part 80 obtains density histogram as the density distribution of an original image by image data from a scanner part 4, and calculates the printing rate of the original by the black-and-white ratio of the original obtained by it. The master control part 80 reads out the surface potential value of a photoreceptor drum corresponding to the designations of the copying modes of a normal mode, an economy mode 1 and the economy mode 2 and the printing ratio of the original from the table of an internal memory. Also, the master control part 80 calculates the copying charge corresponding to the toner consumption from the copying mode, the printing ratio of the original, a paper size and the number of copying sheets and displays it on the display part of a control panel 100.

COPYRIGHT: (C)1997,JPO